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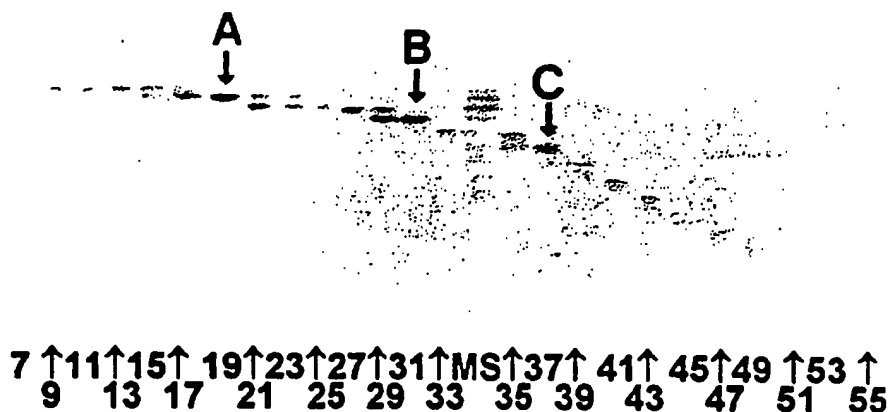


FIG.1A

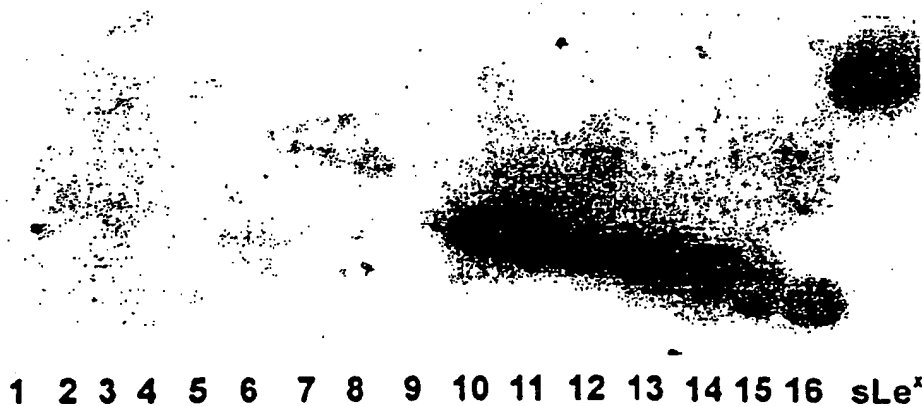


FIG.1B

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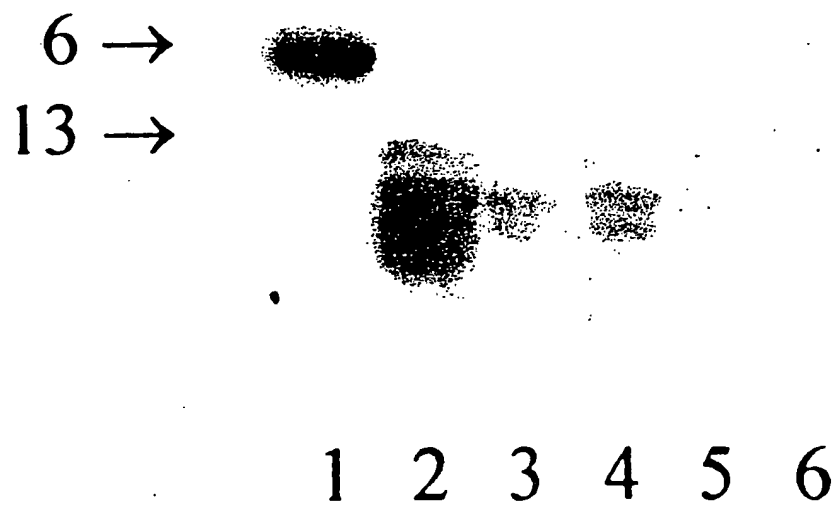


FIG.2

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•

1 2 3 4 5 6

FIG.3C

•

1 2 3 4 5 6

FIG.3B

•

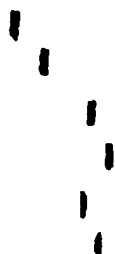
•

•

1 2 3 4 5 6

FIG.3A

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1 2 3 4 5 6

FIG.3F



1 2 3 4 5 6

FIG.3E



1 2 3 4 5 6

FIG.3D

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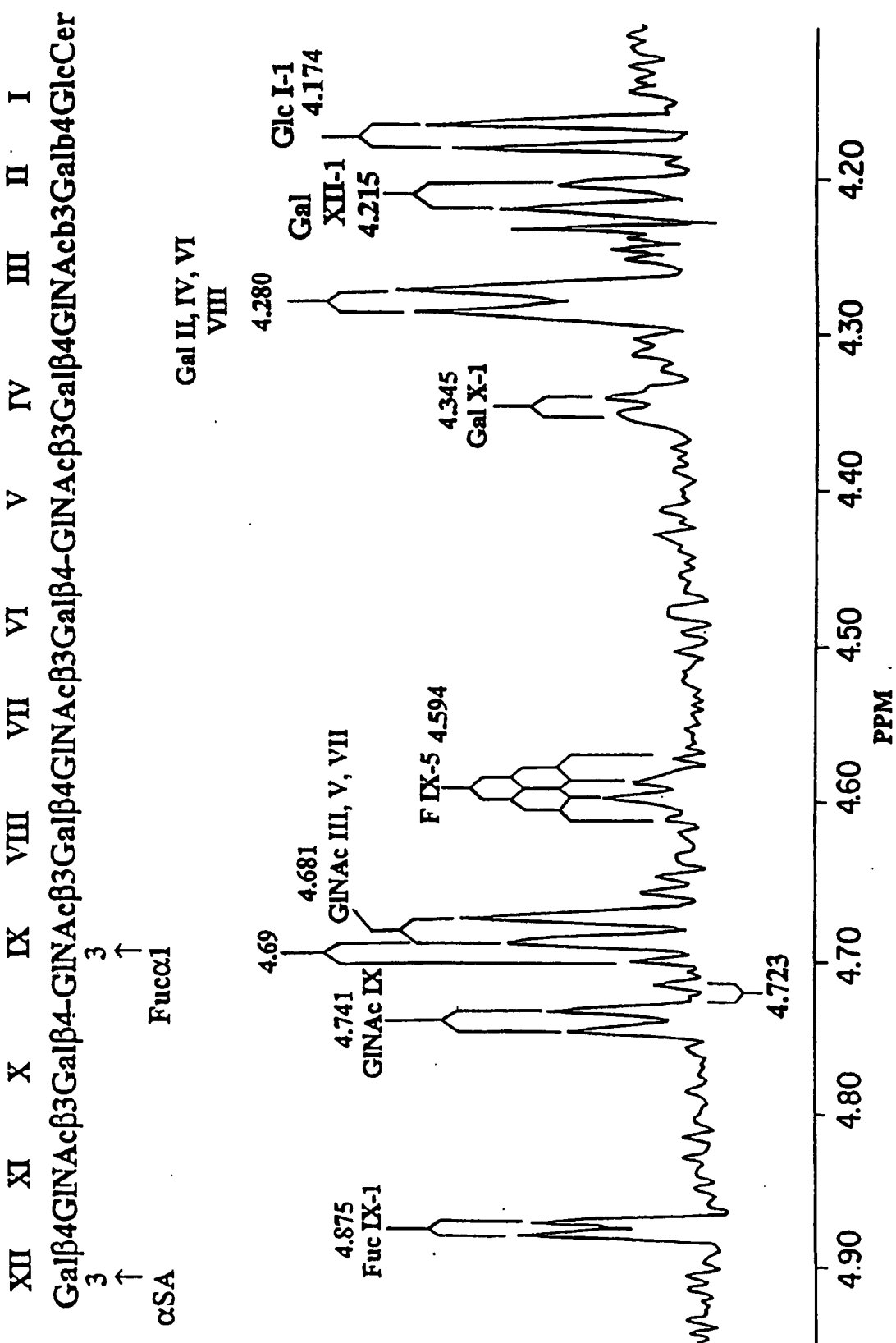
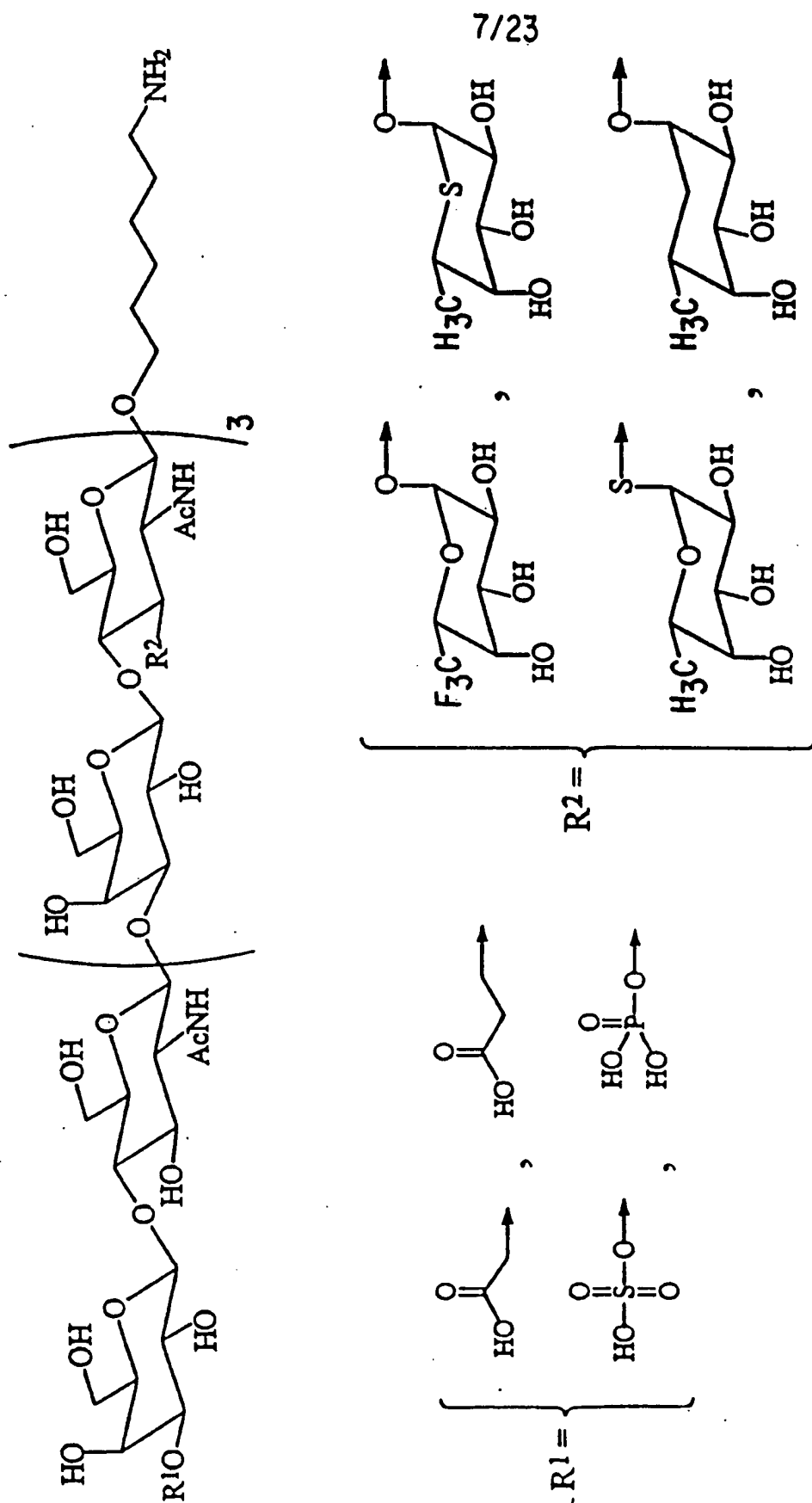


FIG. 4A





Myelogen mimetics

FIG. 5

Scheme I. Synthesis of Starting Material 4

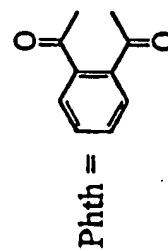
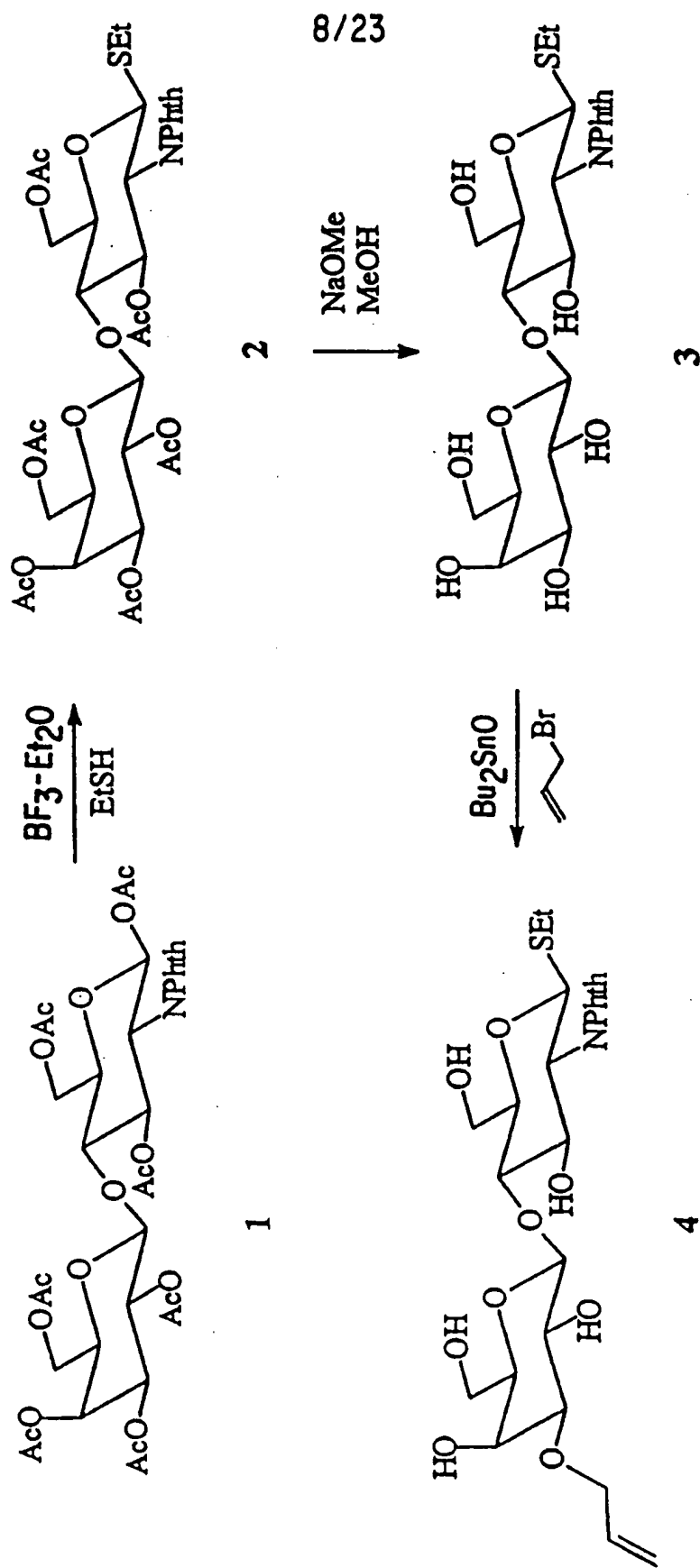


FIG. 6

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Scheme II. Synthesis of Lex Mimetics with CF₃-Fuc and 5-S-Fuc

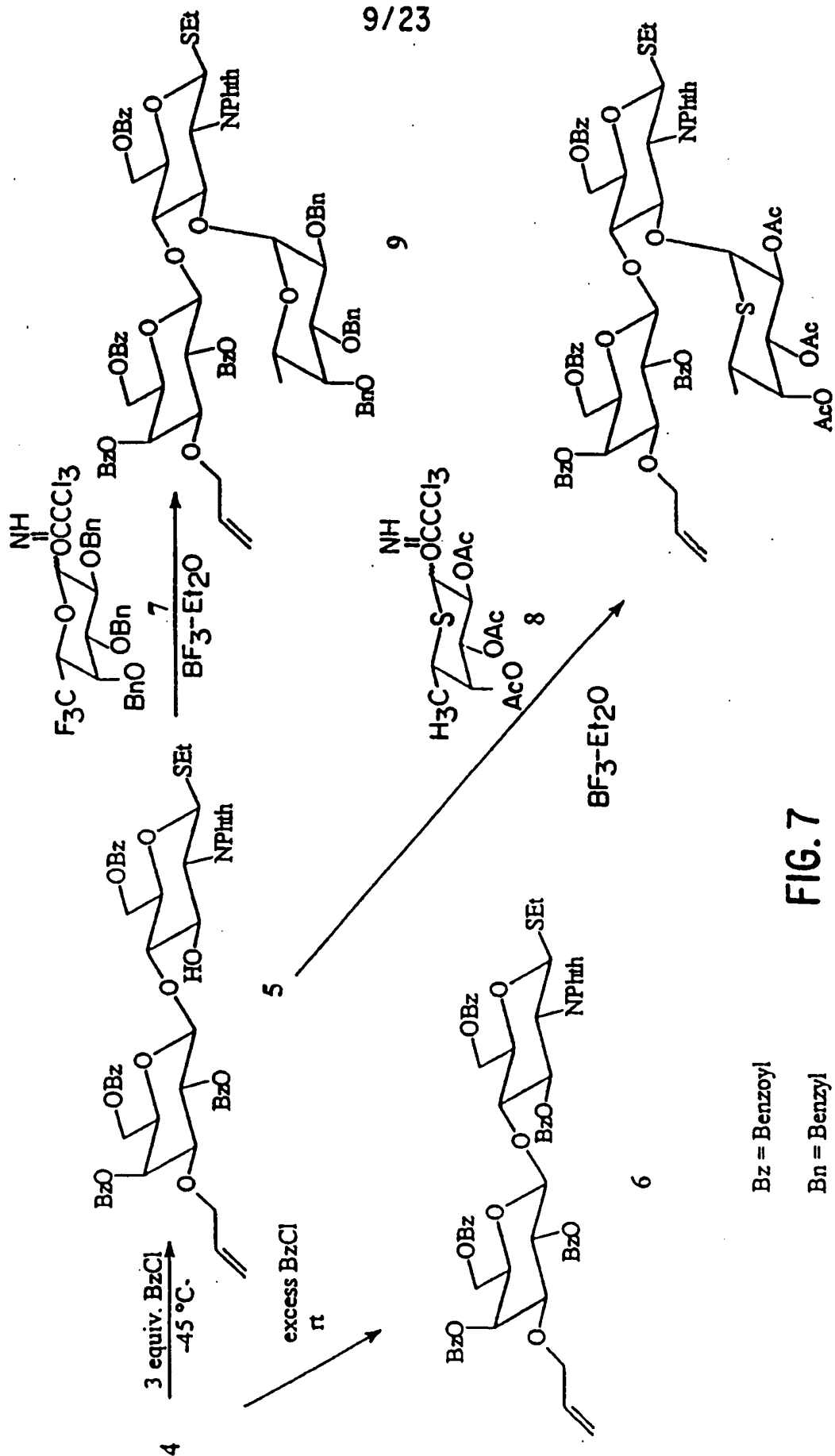


FIG. 7

Scheme III. Synthesis of Triflate 13

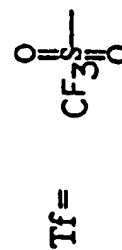
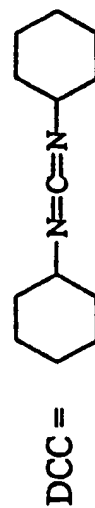
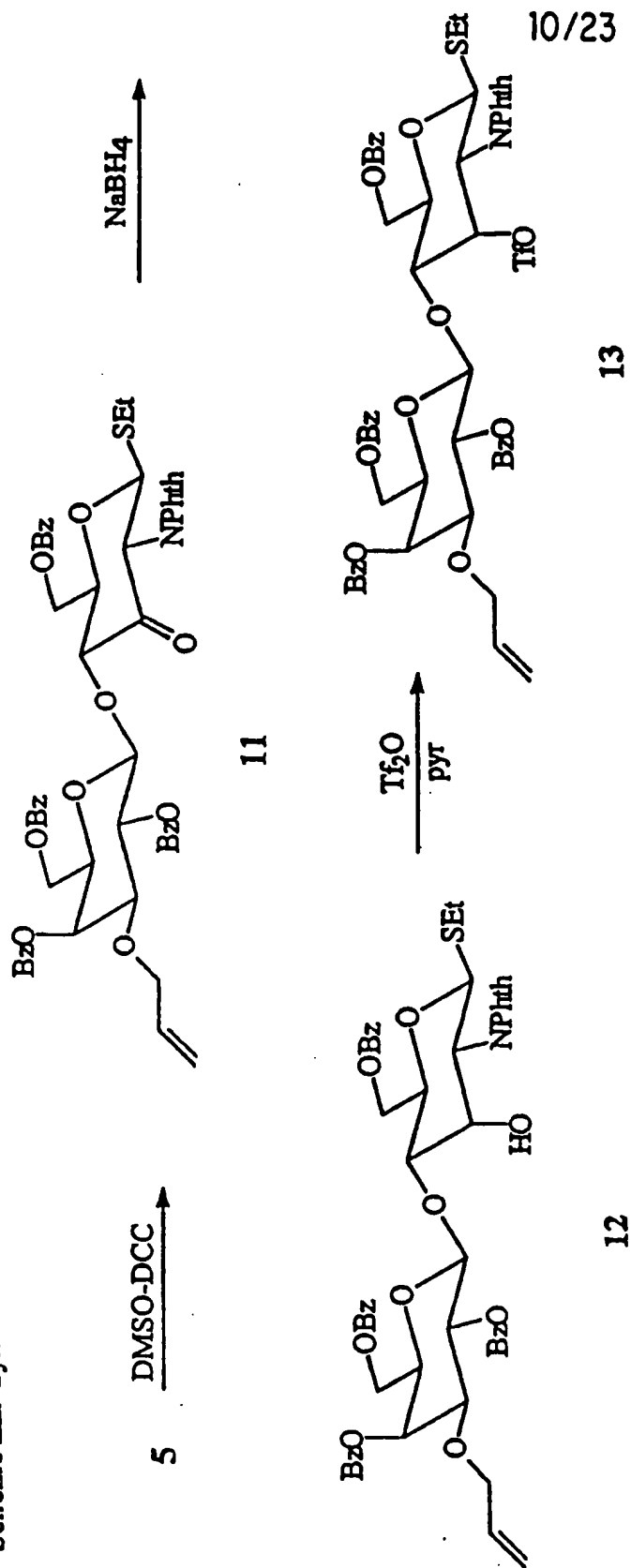


FIG. 8

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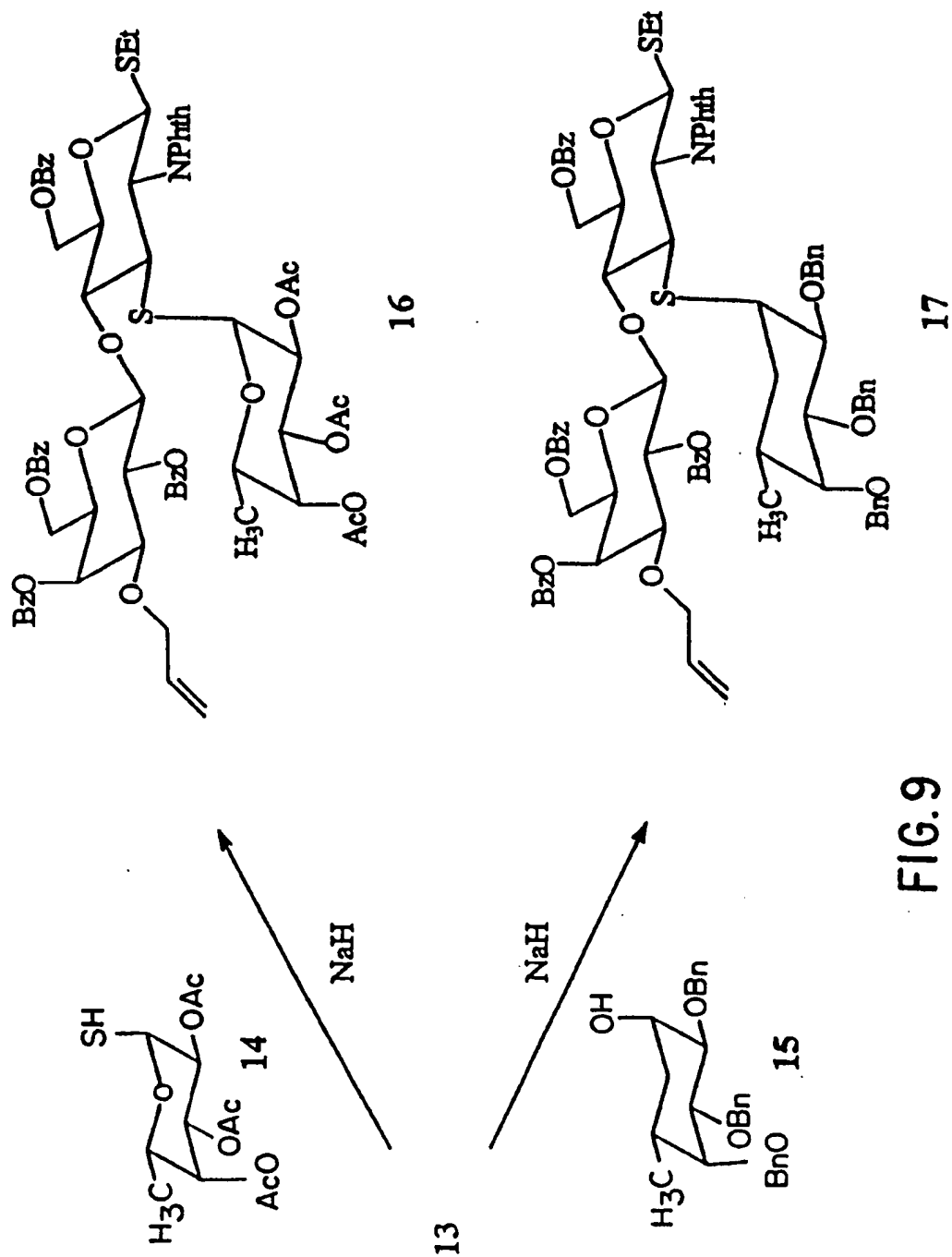
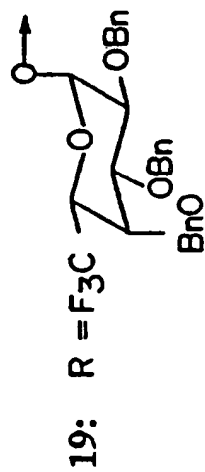
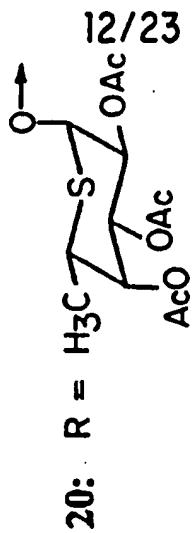
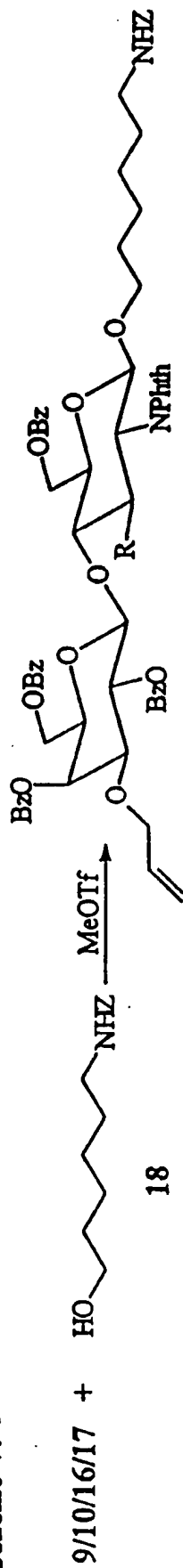
Scheme IV. Synthesis of Lex^x Mimetics with 1-S-Fuc and C-Fuc

FIG. 9

Scheme V. Attachment of a Tether to L α Mimetics

Z = Benzyloxycarbonyl

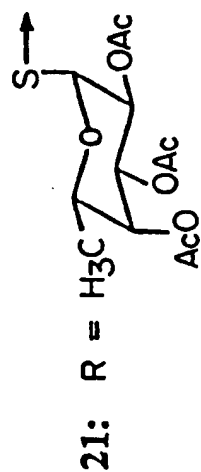
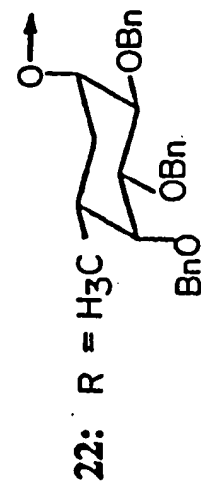
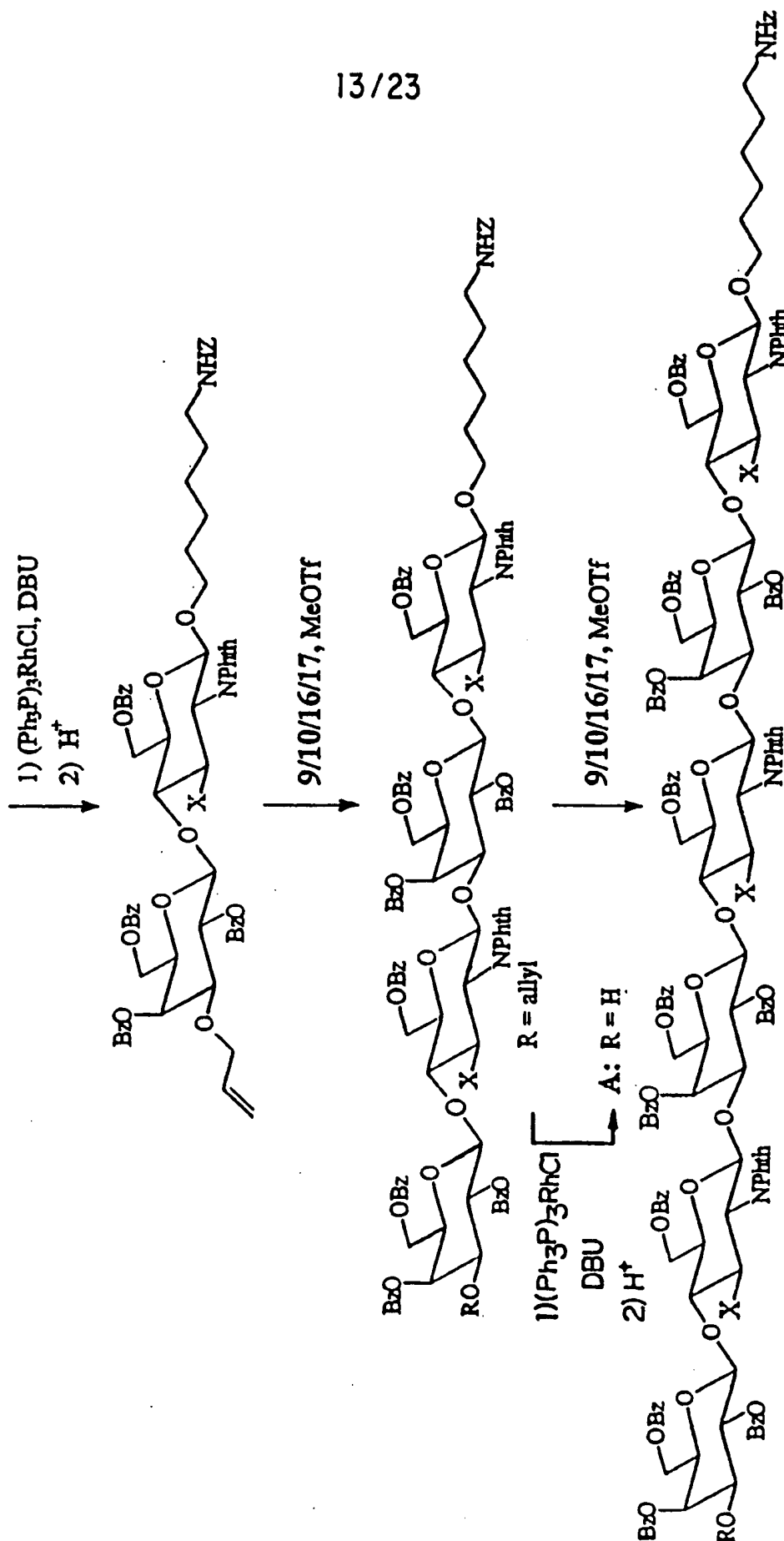


FIG.10

Scheme VI. Synthesis of Dimeric and Trimeric L& Mimetics

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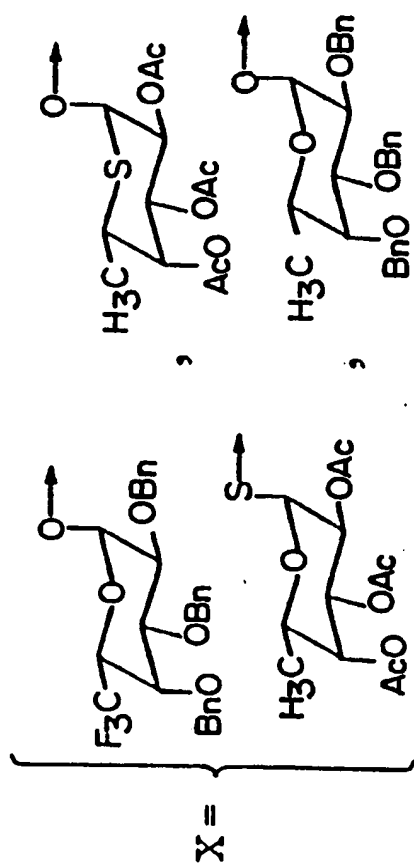
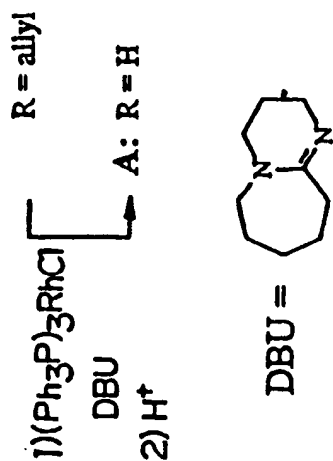


FIG.11B



Scheme VII. Synthesis of Tetralactosamine Core

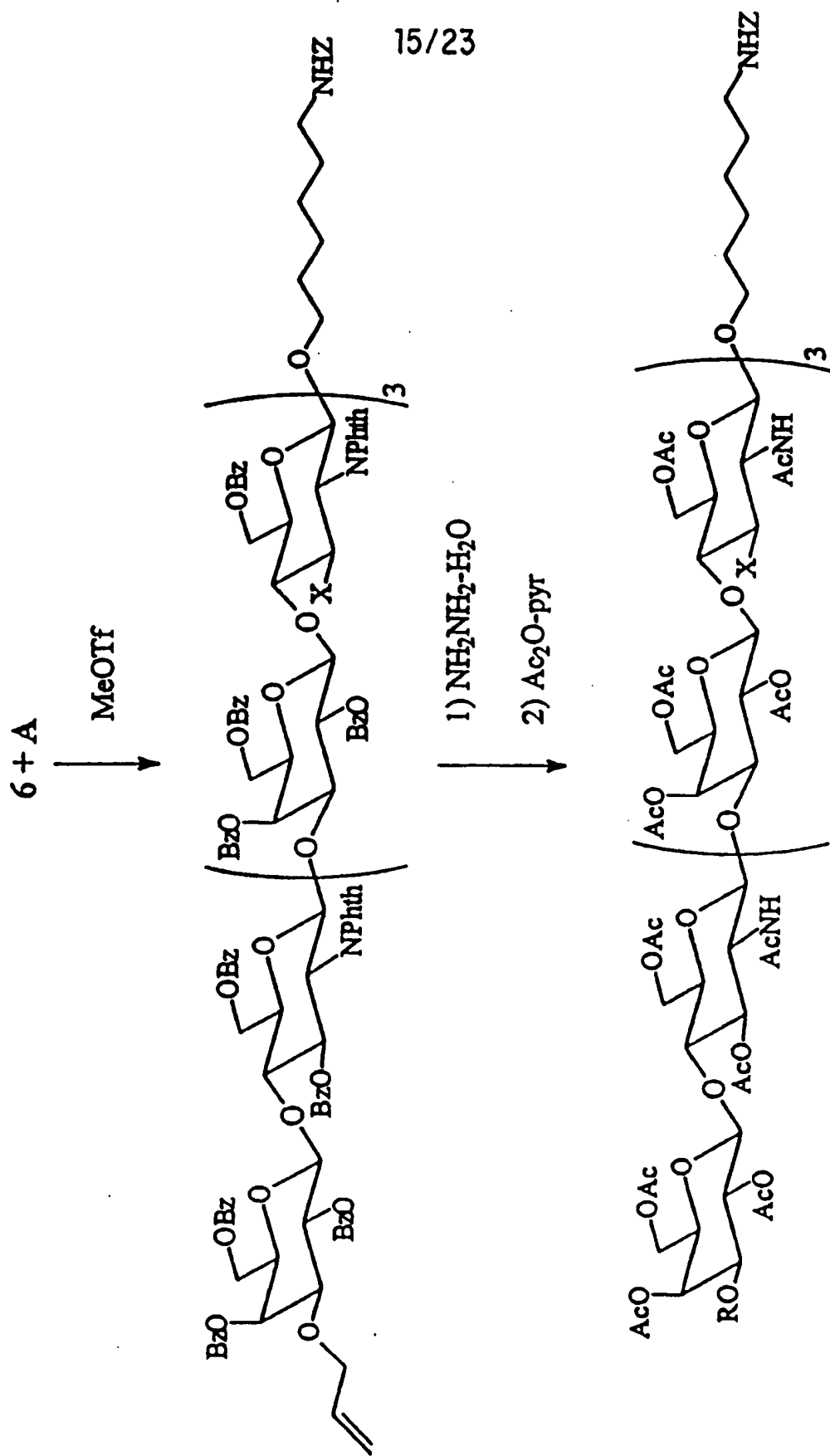


FIG. 12A

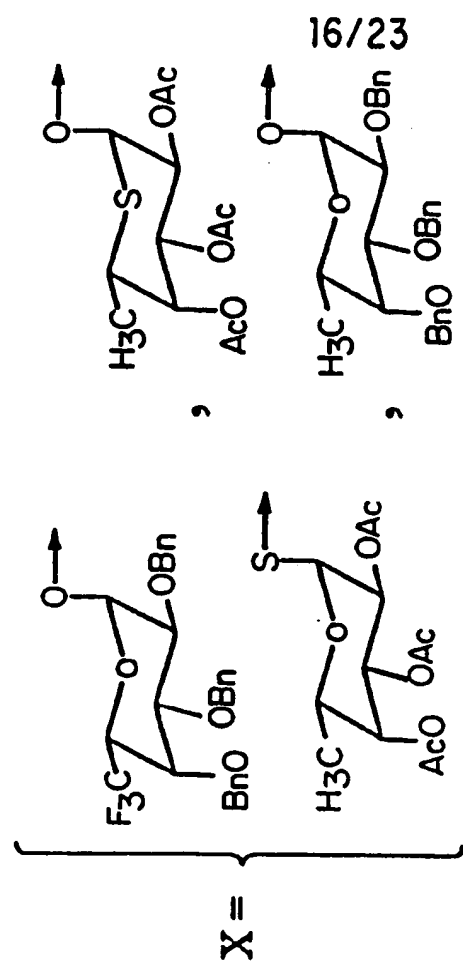


FIG.12B

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Scheme VIII. Synthesis of Myeloglycan Mimetics

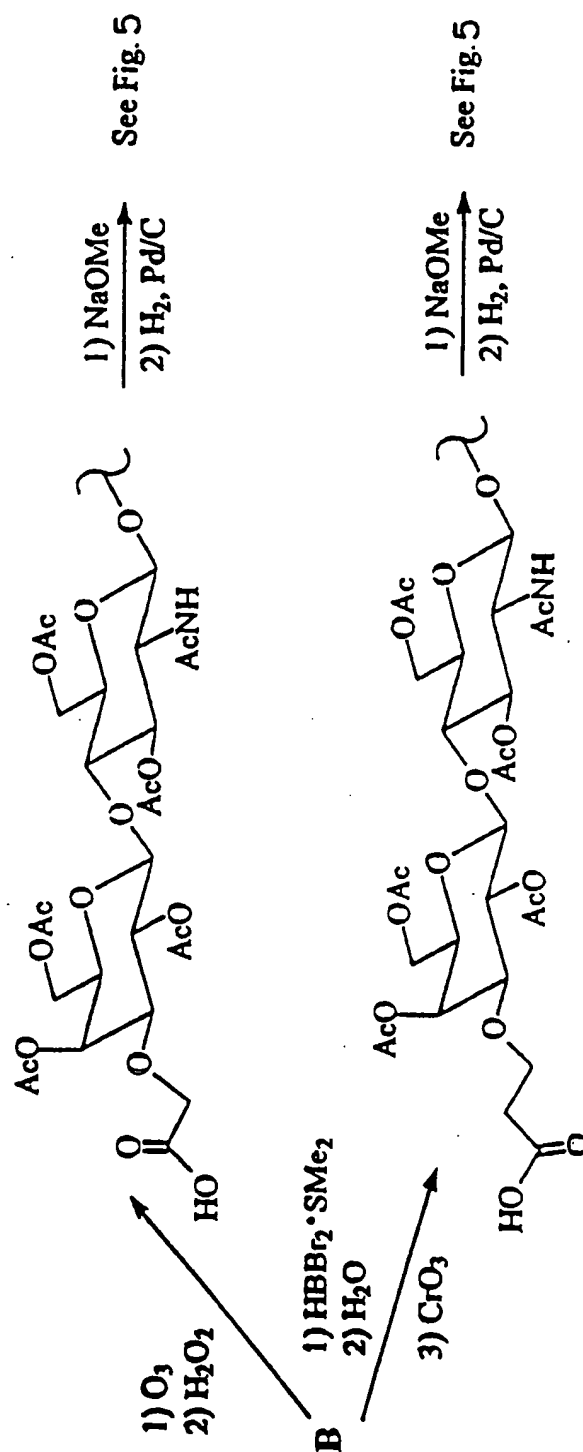


FIG. 13A

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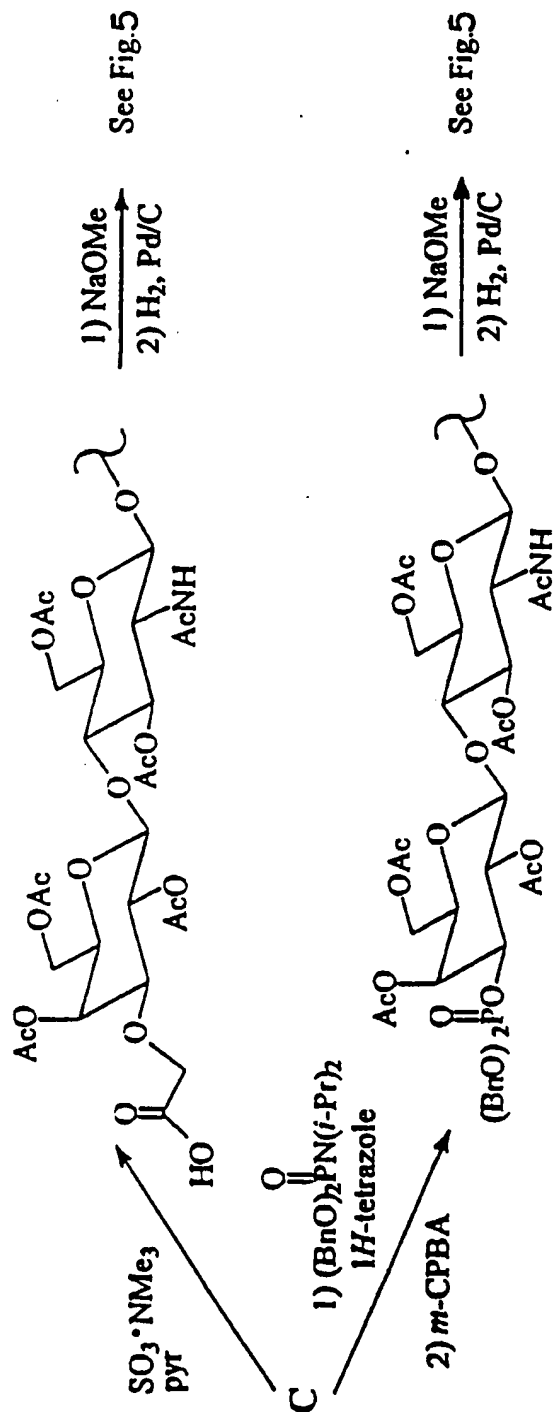


FIG.13B

Scheme IX. Starburst Structure

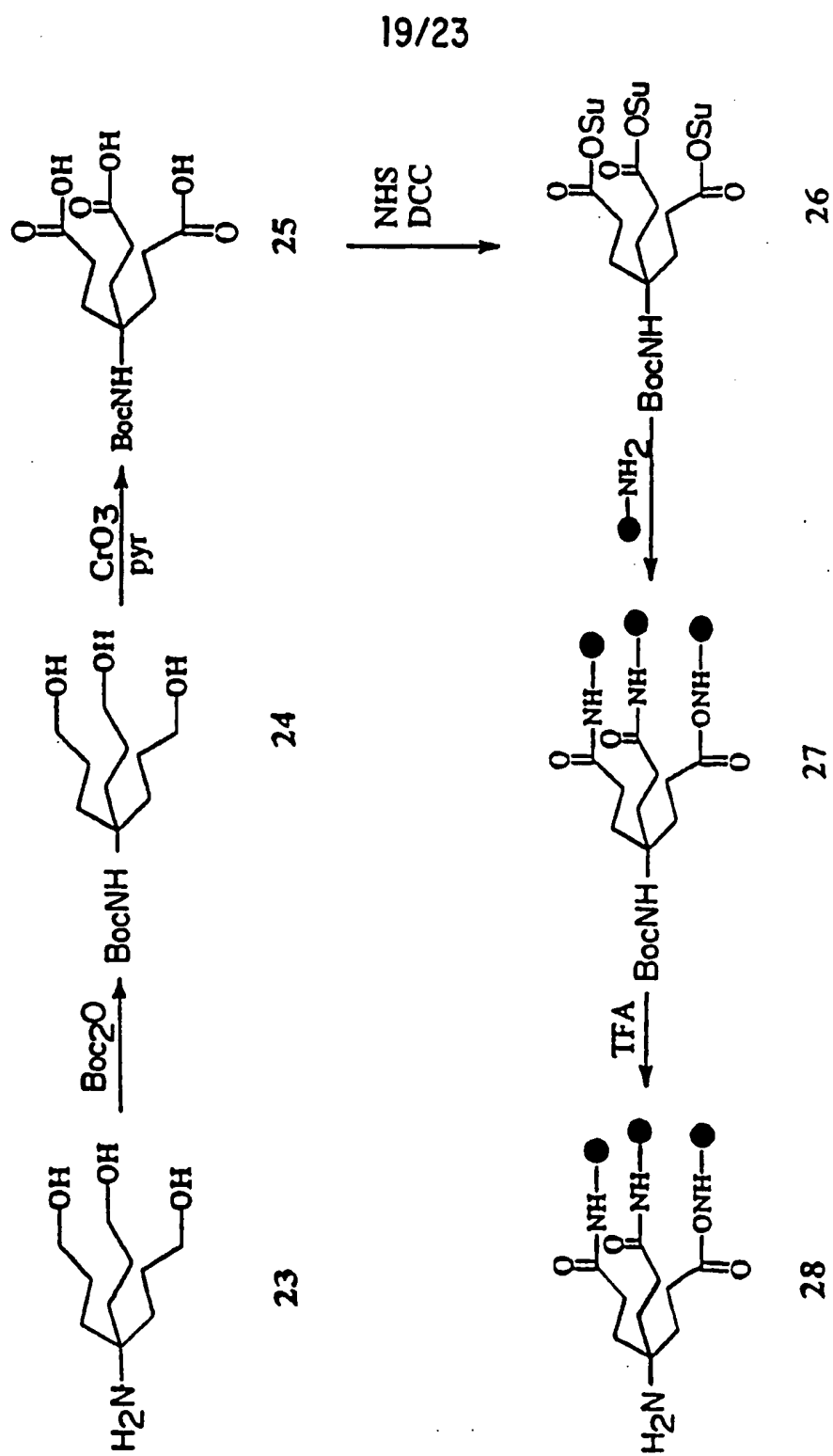
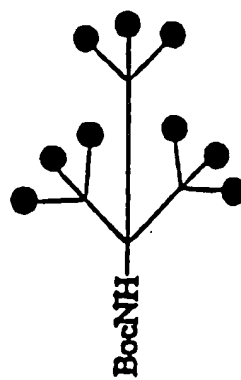
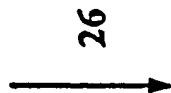


FIG.14A

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Scheme IX. Starburst Structure

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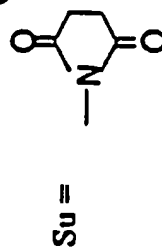
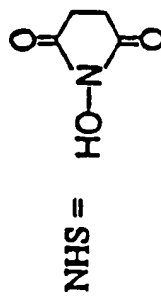
Boc = *tert*-Butyloxycarbonyl●-NH₂ = Myelloglycan mimetics

FIG.14B

Scheme X. Liposomes

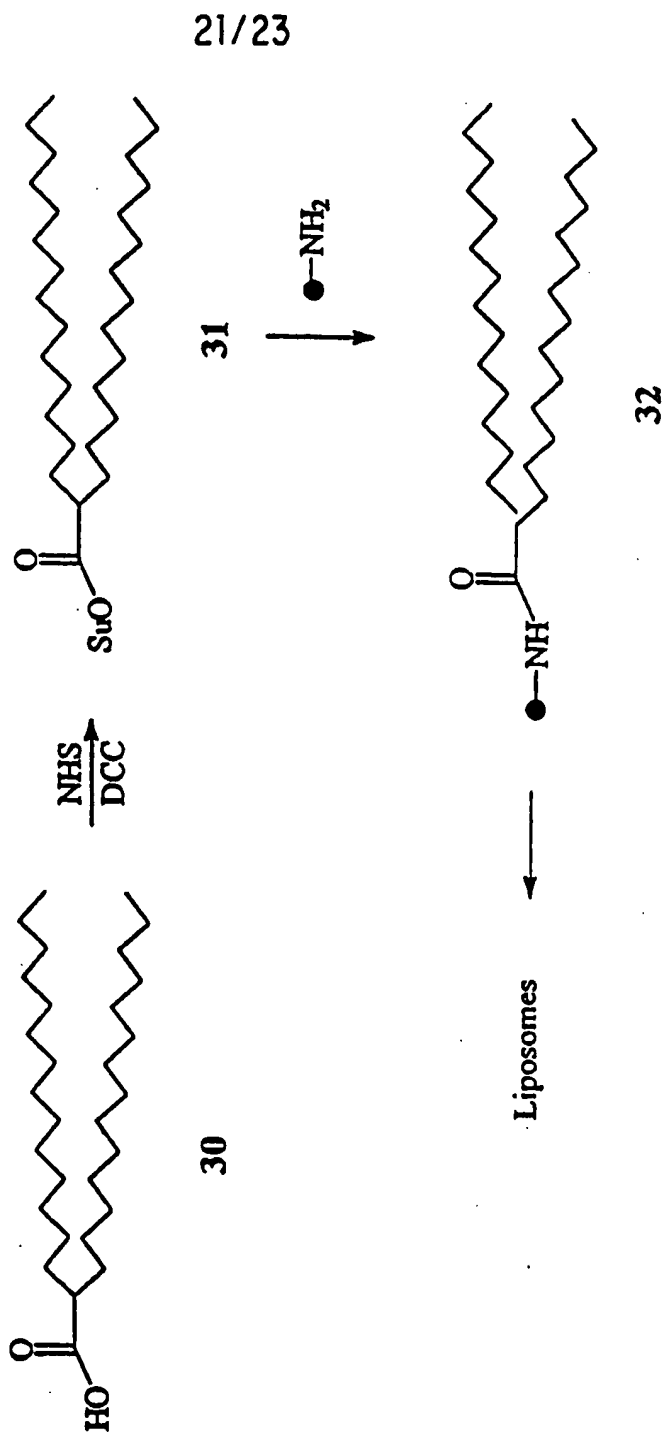


FIG.15A

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Scheme XI. Polymerization

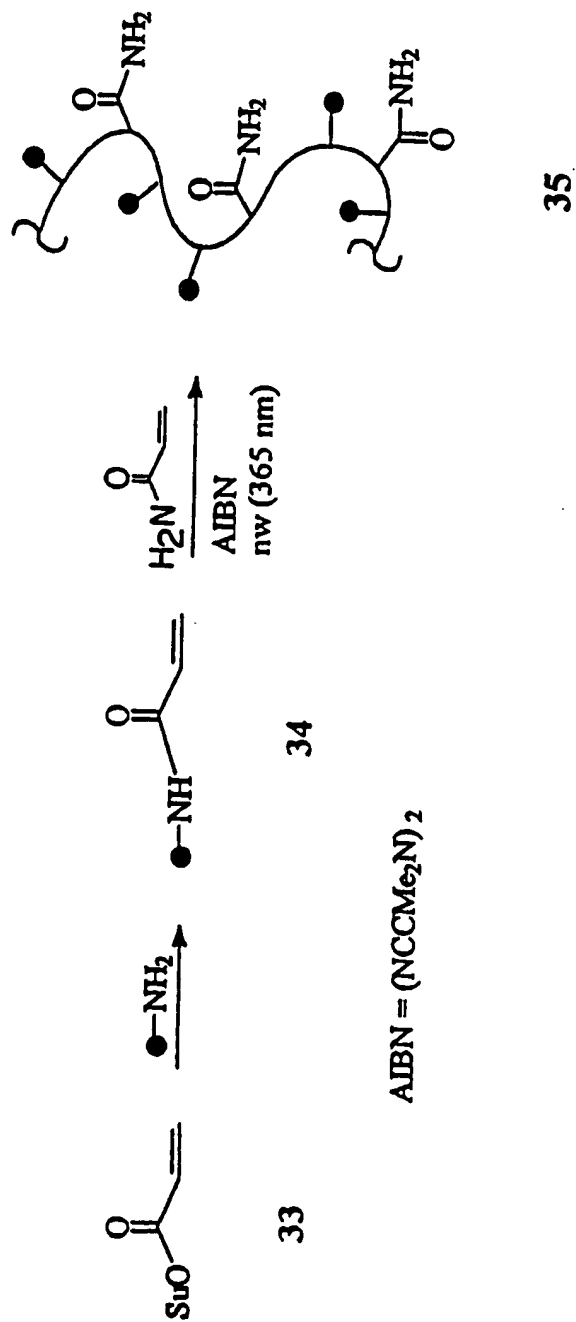


FIG.15B

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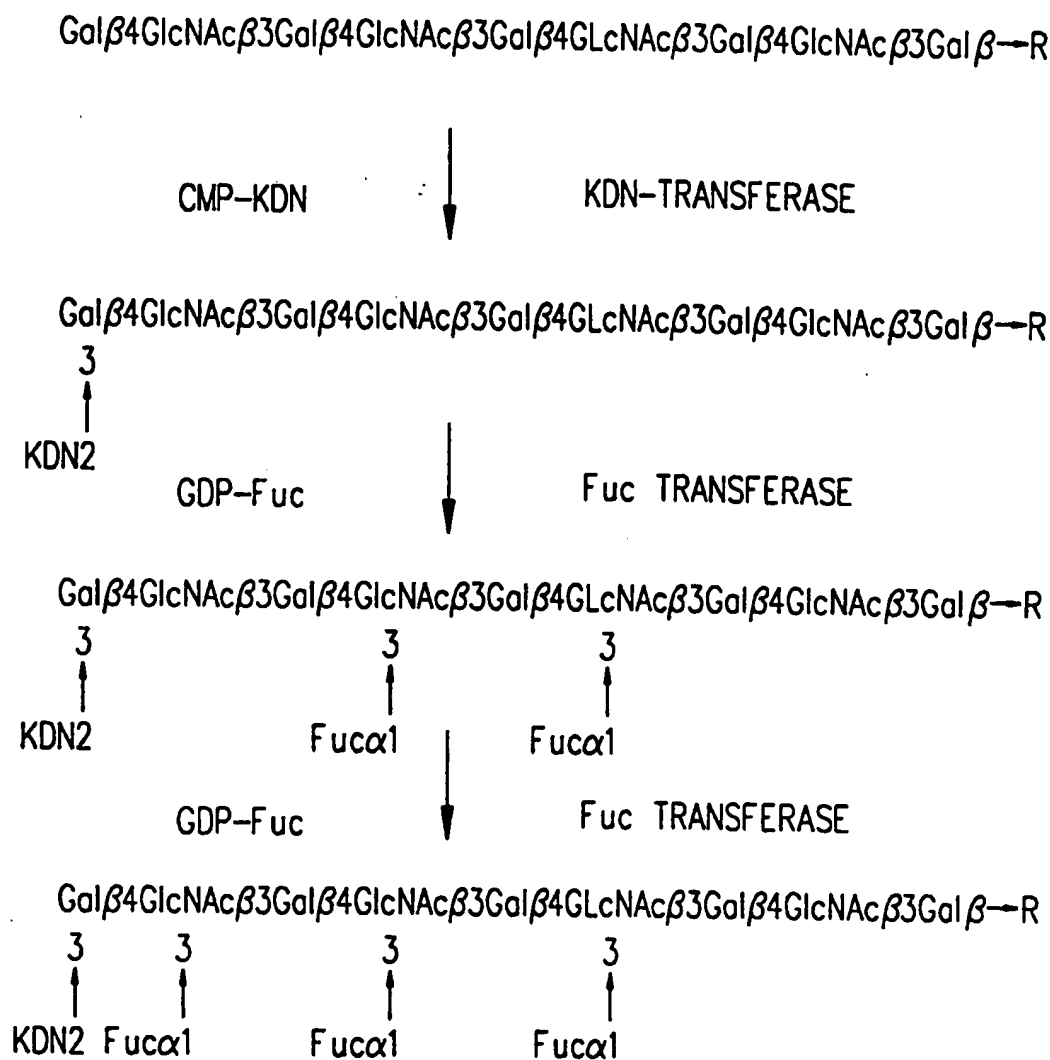


FIG. 16

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